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C. RIGHT CAMERA (AR), S/N 64-22:
(1) A MINUS DENSITY STREAK, 1.1 INCHES FROM THE NON-TITLED

EDGE, IS PRESENT IN FRAMES 576 TO 668 AND FRAMES 940 TO 978.

(2) TWO PLUS DENSITY SPIRAL BANDS (1/8 INCH WIDE), PARALLEL TO THE MAJOR AXIS AND LOCATED 2.0 INCHES FROM EACH EDGE OF THE FILM, ARE PRESENT THROUGHOUT THE MISSION.

(3) PLUS DEMSITY SPOTS, SOME AS LARGE AS A 3.70 INCH CIRCLE, ARE LOCATED 1.5 INCHES FROM BOTH EDGES OF THE FILM. THEY ARE LOCATED BETWEEN THE FORMATS AS WELL AS IN THE FORMATS AND

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APPEAR TO BE PROCESSOR INDUCED.

(4) CAMERA OFF/ONS: BETWEEN FRAMES 88/89, 151/152, AND 873/874.

(5) LAST TITLED FRAME: 1245.

ANALYSIS OF THE OPERATIONAL OBJECTIVE CAMERA MATERIAL:

A. COMMENTS APPLICABLE TO BOTH CAMERAS.

(1) THE DENSITY AND THE CONTRAST OF THE NEGATIVES APPEAR SATISFACTORY.

(2) THE TITLED FRAME NUMBERS CORRESPOND DIRECTLY TO THE

EVENTS COUNTER.

(3) CAMERA OFF/ONS OCCURRED BETWEEN FRAMES 497/498. THE LAST FRAME OF EACH CAMERA OPERATION DISPLAYS FOGGED PATTERNS NORMALLY ASSOCIATED WITH A CAMERA OFF.

(4) THE TIME TRACK IMAGED FOR EACH FRAME BEGINS APPROXI-MATELY 0.65 INCH AFTER THE START OF SCAN AND EXTENDS AP-PROXIMATELY 0.80 INCH BEYOND THE END OF SCAN.

(5) MYLAR TARE SPLICE IS MADE RETUREN FRAMES 522/523.

B. (1) ETHEOTERETERICK IS JUST YMAGED THROUGH THE FIRST 2.8

INCHES OF FRAME 992, FRAMES 498 TO 590, AND THE FIRST 4.6

INCHES OF FRAME 501.

(2) THE FIRST 0.40 INCH OF SCAM FOR EACH FRAME IS DEGRADED AND APPEARS OUT OF FOCUS. THE FIRST 0.20 INCH OF THIS IS THE MOST SEVERE.

(3) EACH DATA CHAMBER ENCROACHES SLIGHTLY INTO BOTH ADJA-CENT FORMATS.

(4) THE FIRST TWO STRETCH MARKS, FROM START OF SCAN, ALONG BOTH BORDERS ARE NOT PRESENT THROUGHOUT.

(5) THE LAST TITLED FRAME OF THE LEFT OOC IS 605. C. RIGHT OPERATIONAL OBJECTIVE CAMERA (CR), S/N 4037:

(1) THE TIME TRACK IS NOT IMAGED FOR FRAMES 931 TO 929, THE FIRST 4.30 INCHES OF FRAME 221, AND FRAMES 498 TO 531.

(2) ALL FRAMES ACQUIRED BY THIS CAMERA ARE DEGRADED AND

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APPEAR OUT OF FOCUS.

(3) THE DATA CHAMBER IS SLIGHTLY SKEWED THROUGHOUT. THIS OBLITERATES THE MINUTE AND SECOND MARKS ALONG THE FAR RIGHT SIDE OF THE CLOCK. APPROXIMATELY 75 PERCENT OF THE DATA CHAMBER FOR FRAME 522 WAS LOST DURING THE SPLICING OPERATION DONE BETWEEN FRAMES 522/523.

(4) THE SECOND STRETCH MARK FROM START OF SCAM AND ALONG THE

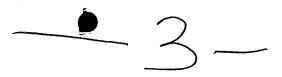
NON-TITLED EDGE IS NOT IMAGED DURING THE MISSION.

(5) A MINUS DENSITY STREAK IS PRESENT @.92 INCH FROM AND

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PARALLEL TO THE NON-TITLED EDGE THROUGHOUT.

(6) THE LAST TITLED FRAME OF THE RIGHT OOC IS 606.

6. MISSION RECORDER SYSTEM (MRS) CORRELATION: BEGINNING WITH THIS MISSION, A NEW METHOD OF CORRELATION. AND REPORTING IS BEING INITIATED. FOR EACH CAMERA, THE GEOGRAPHIC LATITUDE AND LONGITUDE OF PLOTTED PHOTOGRAPHY ARE BEING COMPARED TO THE MRS DATA. BY APPLYING THIS METHOD TO ONE TITLED FRAME, THAT TITLED FRAME COULD BE MATCHED TO ONE LINE OF MRS DATA WITH A CERTAIN ACCURACY (VARYING FOR EACH CAMERA DEPENDING ON LENGTH OF MISSION). THE ACCURACY OF THE CORRELATION IS EXPRESSED IN THE FOLLOWING TABLE. COLUMN 1 INDICATES

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THE TITLED TERRAIN CAMERA FRAME NUMBER WHERE THE CORRELATION WAS
VERIFIED. COLUMNS 3, 5, 7, AND 9 INDICATE THE CORRESPONDING TITLED
FRAME NUMBER FOR THE RIGHT OOC, LEFT OOC, RIGHT TEOC, AND LEFT TEOC,
RESPECTIVELY. COLUMNS 2, 4, 6, 8, AND 10 INDICATE THE NUMBER OF LINES
WITHIN WHICH ONE FRAME OF PHOTOGRAPHY FROM THE RESPECTIVE CAMERA COULD
BE CORRELATED IN THE MRS LISTING. FOR EXAMPLE, AT THE BEGINNING OF THE
MISSION A FRAME (184) OF THE RIGHT TECHNICAL OBJECTIVE CAMERA WOULD BE
CORRELATED WITHIN A 9 LINE REGION (PLUS OR MINUS 5) OF MRS DATA. A
SMALLER NUMBER IN COLUMNS 2, 4, 6, 8, OR 10 INDICATES A MORE ACCURATE
CORRELATION WITH 1 INDICATING AN EXACT CORRELATION.

NUMBER OF MRS LINES PER FRAME

| TERRAIN | | R-00C | | L-00C | | R-TEOC | | L-TEOC | |
|---------|----------|----------|-------|-------|-------|--------|-------|--------|-------|
| FRAME | LINES | FRAME | LINES | FRAME | LINES | FRAME | LINES | FRAME | LINES |
| 186 | 1 | 257 | 4 | 257 | 5 | 184 | 9 . | 83 | 8 |
| 209 | 1 | 451 | 2 | 451 | 2 | 329 | 4 | 214 | 5 |
| 324 | 2 | 5.36 | 11 | 596 | 1 1 | NP | NP | 958 | 23 |
| NP - 1 | O PLOTTA | BLE IMAG | ERY | | | | | | |

THIS CORRELATION METHOD APPLIES TO THE SENSOR STATUS UTILIZATION HISTORY (SSUH) WHICH IS PRESENTLY BEING SUPPLIED TO MPIC. WHEN THE "MISSION EPHEMERIS" IS AVAILABLE ON FUTURE MISSIONS, A NEW EVAL-UATION OF THE DATA WILL BE CONDUCTED.

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END OF MESSAGE

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